

USPTO Serial Number: 10/783,169
Pannell et al.
Preliminary Amendment

Amendment to the Claims:

1. (currently amended) A chemical distribution system, comprising:

a first portion of tubing having a pressure rating of at least 60 pounds-per-square-inch (PSI) which is affixed along an exterior surface of a dwelling;

a second portion of tubing affixed along structures external to the dwelling, the second portion of the tubing being connected to the first portion of tubing;

a plurality of outlets coupled to the first and second portions of tubing for dispensing a chemical solution having properties of killing living organisms; and

a ready-hand-operated disconnect mechanism fitting having a first end coupled for receiving the chemical solution, a lever-arm for rotation, and a second end coupled to the first or second portions of tubing, wherein the first end readily disengages a portable storage tank holding the chemical solution~~to readily disengage a source of the chemical solution from the first or second portions of tubing.~~

2. (Original) The chemical distribution system of claim 1, wherein the first portion of tubing is attached to the exterior surface of the dwelling with a plurality of clamps.

3. (Canceled)

4. (Original) The chemical distribution system of claim 1, wherein the first and second portions of tubing include a plurality of openings for receiving the plurality of outlets.

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5. (Original) The chemical distribution system of claim 1, wherein the first and second portions of tubing are solid and require openings to be formed for receiving the plurality of outlets.

6. (Original) The chemical distribution system of claim 1, wherein the second portion of tubing is routed along fence pillars.

7. (Original) The chemical distribution system of claim 1, wherein the outlet includes a nozzle having an aperture for dispensing the chemical solution.

8. (Canceled)

9. (Original) The chemical distribution system of claim 1, wherein the first and second portions of tubing are exposed for maintenance.

10. (Canceled)

11. (Canceled)

12. (Currently amended) A fixed chemical application system, comprising:

a tubing fixed to an exterior surface having a pressure rating of at least 60 pounds-per-square-inch (PSI);

a plurality of outlets inserted into the tubing for dispensing a chemical solution having properties of killing living organisms; and

a ~~readyhand-operated-disconnect-mechanism~~ fitting having a

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first end coupled for receiving the chemical solution and a second end coupled to the tubing ~~for pumping the chemical solution through the tubing to readily disengage a source of the chemical solution from the tubing, wherein the first end readily disengages a portable storage tank holding the chemical solution.~~

13. (Original) The fixed chemical application system of claim 12, wherein the tubing is affixed to exterior surfaces of a dwelling and further to structures external to the dwelling.

14. (Original) The fixed chemical application system of claim 12, wherein the tubing is attached to the exterior surface with a plurality of clamps.

15. (Canceled)

16. (Original) The fixed chemical application system of claim 12, wherein the tubing includes a plurality of openings for receiving the plurality of outlets.

17. (Original) The fixed chemical application system of claim 12, wherein the tubing is solid and requires openings to be formed for receiving the plurality of outlets.

18. (Original) The fixed chemical application system of claim 12, wherein each outlet includes a nozzle having an aperture for dispensing the chemical solution.

19. (Canceled)

20-37 (Canceled)

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38. (New) A chemical application system supplied by a delivery vehicle, comprising:

a tubing affixed to an exterior surface including a plurality of integrated apertures for disbursing a chemical solution having properties of killing living organisms, wherein the tubing has a pressure rating greater than 60 pounds-per-square-inch (PSI); and

a hand-operated disconnect fitting coupled to the tubing, operable to readily disengage the delivery vehicle, for receiving the chemical solution.

39. (New) The chemical application system of claim 38, wherein the hand-operated disconnect fitting is alternatively horizontally or vertically oriented, and mounted within a junction box.

40. (New) The chemical application system of claim 38, wherein the hand-operated disconnect fitting further includes a lever-arm which rotates to a vertical position for connection to the delivery vehicle.

41. (New) The fixed chemical application system of claim 12, wherein the hand-operated disconnect fitting further includes a lever-arm for rotation.

42. (New) The fixed chemical application system of claim 41, wherein the lever-arm rotates to a vertical position for connection to the portable storage tank.

43. (New) A chemical application system supplied by a

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delivery vehicle, comprising:

a tubing affixed to an exterior surface having a plurality of apertures for disbursing a chemical solution; and

a hand-operated disconnect fitting coupled to the tubing, operable to readily disengage the delivery vehicle, for receiving the chemical solution.

44. (New) The chemical application system of claim 43, wherein the tubing is pressure rated to at least 60 pounds-per-square-inch (PSI).

45. (New) The chemical application system of claim 43, wherein the hand-operated disconnect fitting further includes a lever-arm for rotation.